

Ghassan  
Khoury/R6/USEPA/US  
10/27/2006 03:40 PM

To Mark Purcell/R6/USEPA/US@EPA  
cc Dipanjana Bhattacharya/R6/USEPA/US@EPA  
bcc  
Subject Re: Chino Risk Assessment

History: This message has been replied to.

The groundwater samples were filtered. Filtered data evaluates dissolved contaminants. In this case we have metals, which have low solubilities in water. For the evaluation of the risk from ingestion of ground water which seems to be a complete pathway, only unfiltered (not filtered) ground water samples should be used and data used in the risk assessment.

surface water seems to be a complete pathway. the document reports children playing in stream water during the summer season. the surface water pathway should be included in the risk assessment.

indirect exposure to garden vegetables and ingestion of locally raised animals (beef and milk) should be summed to the other exposures. I would include a farmer scenario ( which include ingestion of locally raised chicken and cattle) and sum the risk to other exposures and a resident scenario which does not include ingestion of locally raised chicken or cows.

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Mark Purcell/R6/USEPA/US

Mark Purcell/R6/USEPA/US  
10/27/2006 10:12 AM

To Ghassan Khoury/R6/USEPA/US@EPA  
cc Dipanjana Bhattacharya/R6/USEPA/US@EPA  
Subject Chino Risk Assessment

Ghassan,

I have compiled/edited Dipanjana's comments into an EPA comment format (see attachment).

Please let me know if you have other comments you want me to add, or want to modify the attached comments.

I have one question on Dipanjana's comments. For comment on page 48, she states that surface water needs to a medium included in the risk calculations. The report discusses surface water on page 49. Please let me know if this comment is correct, or if I should modify.

Thanks,



676282

I will put the RA report on your desk today.

Mark

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